

Marmoran

The Architects' Choice

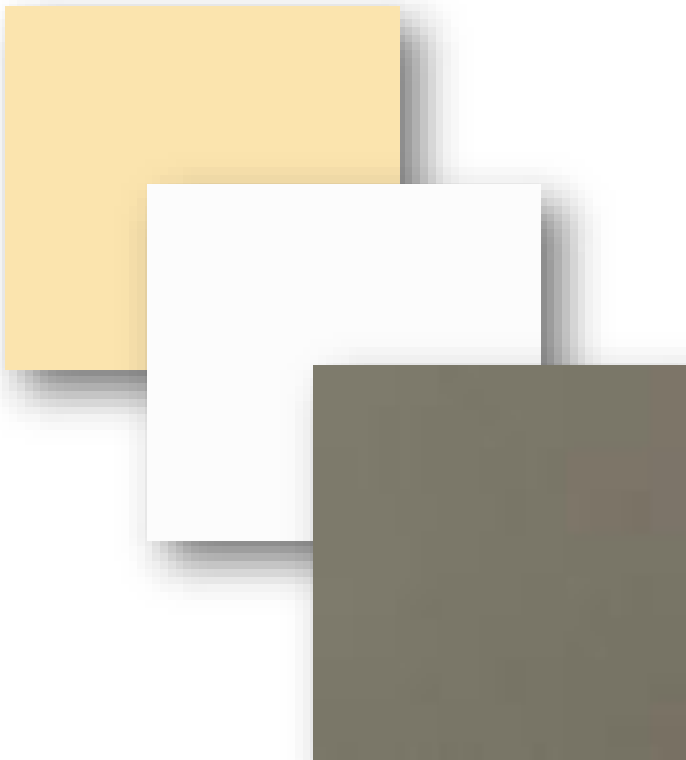
LIMEWASH

*LIMEWASH MADE FROM PURE FILTERED SLAKED LIME
BLENDED WITH A PURE ACRYLIC FOR A DURABLE ATTRACTIVE FINISH*



PRODUCT INFORMATION

- Suitable for interior or exterior use on either new or existing brick walls that have been suitably prepared.
- Matt water resistant finish
- Can be tinted to a selected colour range.
- Eco friendly, water based,
- **LOW VOC LEVEL [18g/L]**
- Made to order, supplied as a plaster mix, viscosity may be adjusted to suit application
- Combination of steel trowel and spatula application.



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B-BBEE COMPLIANT

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PRODUCT CODE AL038
SHEET

PRODUCT DATA INFORMATION

PRODUCT DESCRIPTION

Marmoran Limewash (MLW) coating is a superior decorative coating based on a pure acrylic resin. This limewash is ideal for brick and stone applications for artisan finishes and antique patinas, or for full limewash coverage. When applied correctly, MLW creates a white washed brick effect, which can vary depending on the way it is applied and the desired effect. Marmoran Limewash coating has built in additives that result in a matt durable finish.

FEATURES & BENEFITS

- Ideal for unpainted brick, and some masonry surfaces.
- When applied to virgin masonry surfaces (non-painted surfaces) this coating will not peel or flake.
- extremely tough and durable
- None slumping coating on properly prepared pointing depth
- superior alkali resistance
- excellent weather and ultraviolet resistance
- controlled water vapour permeability enabling the substrate to "breathe"
- excellent impact and abrasion resistance
- rapid drying properties in both low and high temperatures
- water-based, low odour
- non-hazardous, non-toxic, environment friendly
- **LOW VOC LEVEL**

USES

- Designed for interior and exterior to a variety of suitably prepared new and unpainted brick and stone walls, ALWAYS ensure that the surface is clean, dry and sound.

COLOUR

- Available in white and a few selected colours

PACKAGING

- 8 & 32 kg containers.

GENERAL CONSIDERATION REGARDING APPLICATION

It is strongly advised that the wall be inspected by a Marmoran Representative for suitability. A site sample test should be carried out.

To achieve this special "Exposed brick patterned effect" on a brick wall these following conditions must be met:

- 1. The pointing on the brick should be 1-2mm deep. If the pointing is too deep then the pointing must be filled with a mortar to the required level and allowed to dry. If the pointing is higher than the brick level then the excess pointing must be scrapped off to a pointing of 2mm deep.**
- 2. The bricks must be of the same level throughout the wall. Protruding bricks will affect the even application of the limewash resulting in an uneven white washed finish.**

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CLIMATIC CONDITIONS

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application.

The coating should never be applied during adverse weather conditions, or on wet surfaces. Even if the weather seems fit for application there may be condensation if the temperature of the substrate is at or below the dew point (temperature at which the atmospheric humidity condenses e.g. as dew) the product should only be applied when the temperature of the substrate is at least 2 deg C above dew point. In hot climates, the coating should be applied during the morning and late afternoon hours and if possible away from direct sunlight.

Variations in temperatures will affect drying times.

BATCH CONTROL

It is the responsibility of the contractor to ensure colour consistency.

It is recommended that sufficient material to complete the project be ordered where possible to eliminate possible colour variation. Where this is not practical, sufficient material to complete an elevation should be ordered with any excess used as the first coat on the subsequent elevation.

GENERAL PRECAUTIONS

No overcoating of joints.

PANEL SIZES AND JOINTING

(Please note this specification is for tape joints only and not for structural joints.)

- **Tape Joints** should ideally create panels of not larger than 20m². If panels are larger, the applicator cannot guarantee consistency in the finish as it becomes increasingly difficult to “keep a wet edge”.
- **Standard tape joint specifications:** Instate tape joints in approved colour as per marked up elevations using plumb lines and a builder's level. Ensuring that all specifications are strictly adhered to. Apply 1 coat Marmoran RBP or RLP primer, followed by 2 coats of Marmoran Marmoclad pure acrylic in bands of 75mm to approved architectural layout prior to the application of the specified Marmoran topcoat.
- Allow the correct drying time, 12 to 24 hours, of the Marmoclad between coats. Ensure the second coat of Marmoclad has fully cured before covering with the masking tape.
- Apply the correct size masking tape over the cured topcoat of Marmoclad.
- Re-prime either side of the masking tape over the Marmoclad.
- Apply the finishing coat
- After one hour peel off the masking tape carefully and tidy edges

General notes:

1: Tape joints are available in standard masking tape sizes: 12mm, 18mm, 24mm, 36mm, 48mm.

2: Tape joints can be instated for aesthetics or to create a feature and to keep panels to a more manageable size. We suggest keeping panels smaller than 20m² but each product has varying properties so we suggest consulting with the Marmoran sales on a project by project bases.

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APPLICATION

BRICK

After the wall has passed suitability inspection:

- Prepare the substrate by removing all loose and friable matter.
- Ensure that the surface is clean, dry and sound.
- Using a steel trowel, apply 1 coat of **Marmoran Limewash coating** over the brick wall insuring even application and that the pointing has been filled, remove excess material.
 1. For an opaque look no more work is required when the Limewash has been applied evenly.
 2. For an exposed brick finish, the material on the brick face should be cleaned off using water or solvent, wipe using a damp clean cloth (not wet/soaked). For an even cleaner brick a pointing tool can be used to apply the Limewash along the pointing so that very little limewash is deposited on the brick face.
- Allow to cure for at least 16 hours.

STONE & CEMENT SURFACES

- Prepare the substrate by removing all loose and friable matter.
- Ensure that the surface is clean, dry and sound.
- Using a steel trowel, apply 1 coat of **Marmoran Limewash coating** over the substrate insuring even application and that the pointing has been filled, remove excess material.
 3. For an opaque look no more work is required when the Limewash has been applied evenly.
 4. For an exposed substrate, the material on the stone/masonry face should be wiped off using a damp clean cloth (not wet/soaked). For an even cleaner substrate face a pointing tool can be used to apply the Limewash along the pointing so that very little limewash is deposited on the face.
- Allow to cure for at least 16 hours.

Marmoran Limewash coating is a Specialised Designer Product and is to be applied by a Trained Marmoran Licensed Applicator only.

PRODUCT DATA

Composition

Marble aggregate and additives dispersed in an Acrylic copolymer resin

Solvent Type

Water

Solids

Volume $69 \pm 2\%$ Mass $83 \pm 2\%$

Drying Times @ 25 deg C, 65% RH (see note 1)

Surface Dry 2 hours Hard Dry 12-16 hours

Higher temperatures will accelerate the drying times (approximately halved for every 10 °C increase)

VOC LEVEL

Lower temperatures will retard the drying times (approximately halved for every 10 °C decrease)

Spread rate

18g/L 1%

0.5-2.0 kg /m² dependent on pointing depth and brick/stone size

Note 1: Higher temperatures will accelerate the drying times (approximately halved for every 10 deg C increase)
Lower temperatures will retard the drying times (approximately doubled for every 10 deg C decrease)

Note 2: This figure is indicative, and subject to applicator skill and substrate type and condition.
Actual spread rates must therefore be determined by the Applicator.

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TRANSPORT This product is non hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)

HANDLING & SAFETY This product is water based and non-toxic. Keep out of reach of children. It does contain chemicals that may be irritants to mammalian tissue. Appropriate protective clothing must be worn. Protect eyes and skin from exposure. Wash spillages immediately with water. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested. Gather up environmental spillages, and dispose of in accordance with regulations of the local authorities.

DISCLAIMER

All information contained herein is given in good faith, based on our specialised knowledge and experience. We reserve the right to effect changes to product and specification alike in the interest of product development and improving technology.